

FGDC Annual Report to OMB

Format for Agency Reports – FY 2002

The following outline should be used by FGDC Member Agencies (or Bureaus) for their Annual Spatial Data Reports, which will be consolidated by the FGDC and submitted to OMB. Reports **should be brief, using bullets where possible**. Please provide only the information that will be useful for OMB to assess the agencies' achievements and for establishing future direction.

Part A

GENERAL FEDERAL AGENCY RESPONSIBILITIES REPORT (All Agencies)

1. Agency or Bureau: Tennessee Valley Authority
2. Name of Contact for Report: Alan W. Voss Email: AWWVoss@tva.gov
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3. Steering Committee Member: Alan W. Voss Email: AWWVoss@tva.gov
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5. Subcommittee or Working Group Participation (Subcommittees or Working Groups your agency is involved with, but does not lead). TVA participates in subcommittee and working groups on a correspondence basis as needed.
6. Strategy: Has your agency prepared a detailed strategy for integrating geographic information and spatial data activities into your business process - in coordination with the FGDC strategy, pursuant to OMB Circular A-16? If yes, briefly describe. TVA has taken several actions to coordinate Geospatial data activities, but there is no formally adopted strategy. TVA supports a Geospatial metadata clearinghouse node, is collecting metadata according to the FGDC standard, and has an operational Internet site through which we distribute and sell Geospatial information. The Internet site maps.tva.com operates from our data base of Geospatial metadata. TVA metadata is accessible through the Internet site. We also have a GIS Coordinating Council that operates on a technical level to coordinate Geospatial data issues. All business processes, including those dealing with geospatial data are being documented at TVA.
7. Compliance: How are your spatial data holdings compliant with FGDC Standards? Also, please list the FGDC Standards you are using or plan to use in your organization. TVA is using the Geospatial metadata standard to document our data sets. TVA developed DRG's according to the USGS standard. TVA uses commercial standards or national mapping standards whenever possible. For example, we are developing Wetland data according to National Wetlands Inventory standards in a cooperative program with the National Fish and Wildlife Service.

8. Redundancy: Prior to collecting data, how does your agency ensure that the data are not already available? Prior to collecting new data, TVA checks with other local, state and federal agencies whom we think may have data or be interested in cooperating with us. TVA participates in several coordinating councils in the region, and professional societies. We also use the digital Geospatial metadata clearinghouse to check for existing data. Often our professional contacts provide more information than the clearinghouse.
9. Collection: Do your agency contracts and grants involving data collection include costs for NSDI standards? Generally yes, but standards do not exist for many data requirements. Commercial practices are used more than FGDC standards.
10. Clearinghouse: Is all the data and/or metadata that your agency is able to share with the public published on the NSDI Clearinghouse? If not, please cite barriers encountered. No. TVA has historical data for which FGDC compliant metadata has not been collected. It is a lot of work to prepare metadata for all our historic holdings, but we will develop metadata as these data sets are added to our Internet site.
11. E-Gov: How are you using geospatial data in your mission activities to provide better services? TVA uses a wide variety of Geospatial data, and has so since it was formed in 1933. Below is a list of a few of the digital applications recently implemented or enhanced.
- Intranet Web based interactive TVA Region Map for general planning activities.
 - Intranet Web based interactive TVA Power System map for Transmission operations use.
 - Intranet Web based interactive TVA Transmission System map for display of lightning strike data and other Transmission System asset information.
 - Automated Lands Information System for the management of TVA reservoir properties.
 - Aerial Photography Indexing system
 - Map and Photo Records Internet Site for the distribution and sale of geospatial information.
 - Site Selector for use in Industrial Development activities.
12. Geospatial One-Stop: How is your agency involved in the Geospatial One-Stop? TVA is not directly involved at this time, but we plan to in the next year.
13. Enterprise Architecture: Is geospatial data a component of your enterprise architecture? Please provide a brief summary of how geospatial data fits into your enterprise architecture. GIS is a recognized component of our enterprise information system (IS) architecture. TVA corporate IS organization develops and maintains computer resources, and applications support for enterprise GIS activities, most of which are funded by operational organizations. Requirements are identified by the operational organizations. Data is developed and maintained by the operational organizations. Computer hardware, network, software, and development support are provided at the corporate level.

14. Partnerships: What efforts are being taken to coordinate data and build partnerships at the field level for data collection and standards development? Identify partnerships and data sharing activities with other federal agencies, state, local, and tribal governments and other entities. TVA participates in many coordination activities and uses FGDC and national mapping standards when appropriate. An example of one specific activity we participated in at the field level is the Southern Appalachia Man and the Biosphere (SAMAB) consortium. One of TVA's GIS professionals is assigned to work full time with SAMAB.
15. Concerns or Lessons Learned: Are there areas or issues regarding spatial data that require attention, or lessons learned that you would like to share with others? Please describe.